



Please type a plus sign (+) inside this box → ☐

PTO/SB/08A (08-00)

Approved for use through 10/31/2001. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995 no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)		Complete if Known			
		Application Number	10/649,164		
		Filing Date	August 27, 2003		
		First Named Inventor	David James Beale		
		Group Art Unit	1745		
		Examiner Name	Kimberly White		
Sheet	1	of	2	Attorney Docket Number	4316-031612

U.S. PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code ²			
✓ ↓ ✓ u	1	3,174,197		Stauffer	03-23-1965	
	2	3,862,839		Mitsui	01-28-1975	
	3	3,910,620		American Chain Sperry	10-07-1975	
	4	4,589,467		Hunter	05-20-1988	
	5	5,449,395		Kennett George	09-12-1995	
	6	5,664,617		Columbian Patton et al.	09-09-1997	

MR
4248

FOREIGN PATENT DOCUMENTS							
Examiner Initials	Cite No. ¹	Foreign Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁴
		Office ³	Number ⁴				
✓	7	DE	1774997 B	Demag	10-25-1973		
↓	8	SU	1071562 A	Astakhov	02-07-1984		
↓	9	DE	19623214 A	Waagner-Biro AG	01-16-1997		
↓	10	CA	2240332 A	Lewis	12-13-1998		
↓	11	WO	02/22292 A	Lewis	03-21-2002		
W	12	WO	02/26421 A	Beale et al.	04-04-2002		

Examiner Signature	Len Tan	Date Considered	10/3/05
--------------------	---------	-----------------	---------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Unique citation designation number. ²See attached Kinds of U.S. Patent Documents. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.